

Name: _____

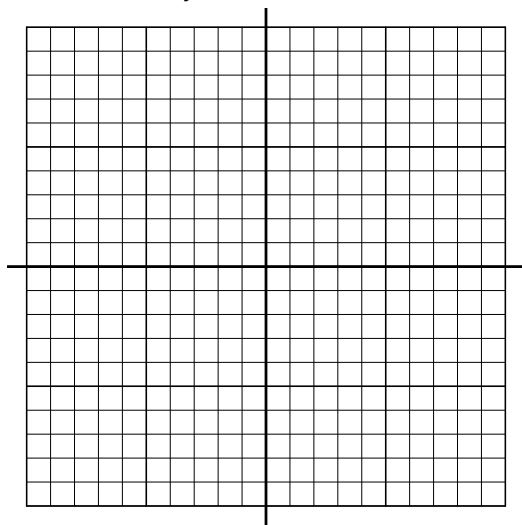
Date: _____

PCW__09__29: Graph Parent Translations (version 3)

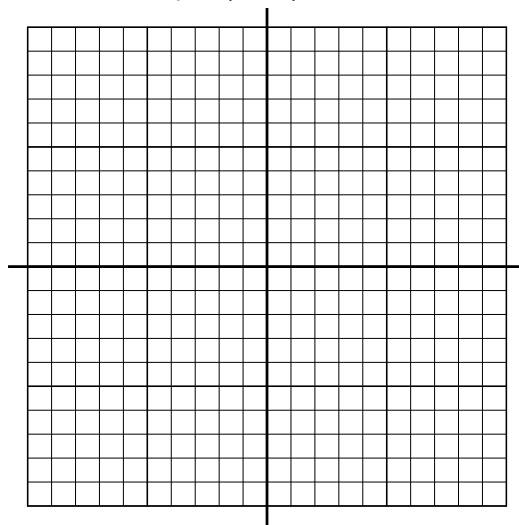
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

Clearly mark every solution where x and y are both integers with a small dot along the curve.

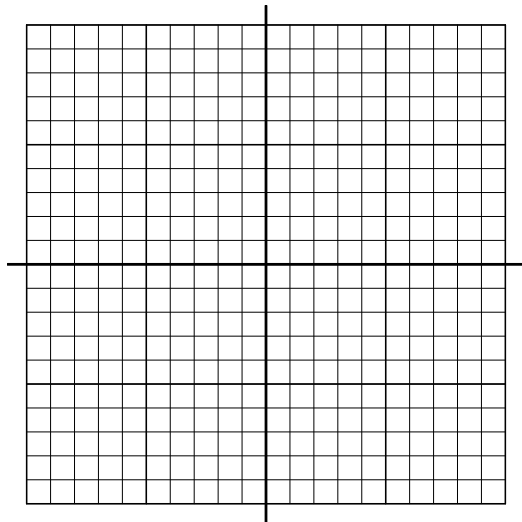
$$y = \sqrt{x-4} + 2$$



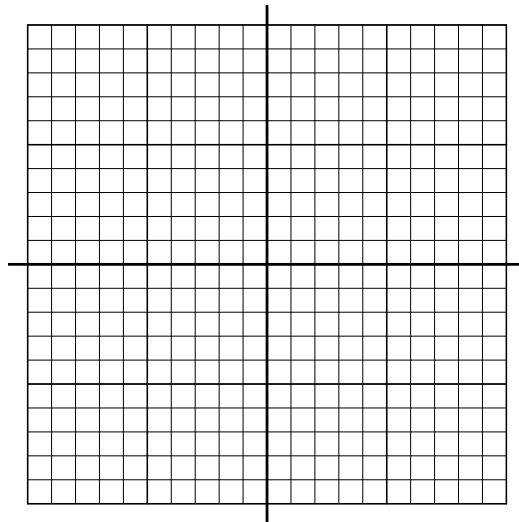
$$y = (x-5)^2 + 2$$



$$y = \frac{1}{x+5} - 1$$

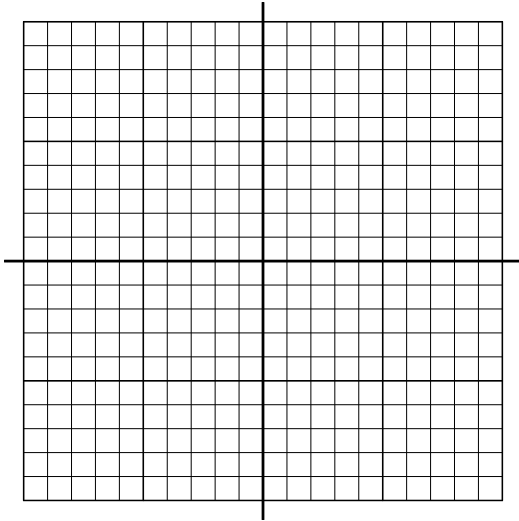


$$y = \sqrt[3]{x+1} + 5$$

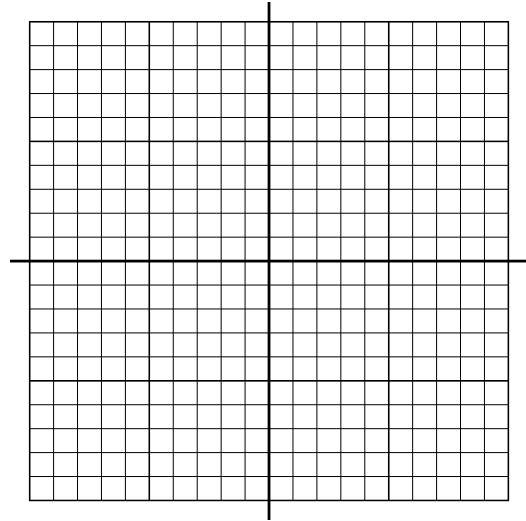


PCW_09_29: Graph Parent Translations (version 3)

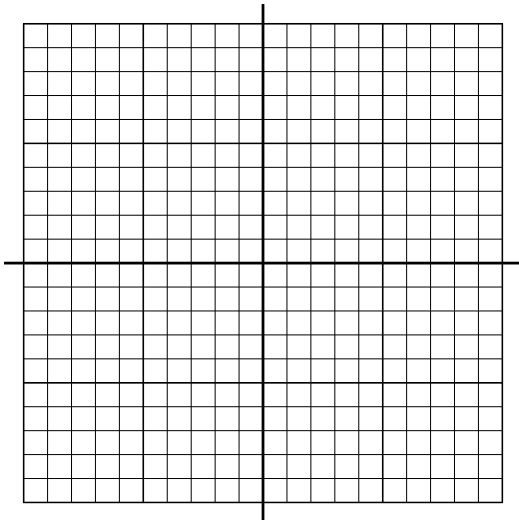
$$y = 2^{x-2} + 4$$



$$y = (x+4)^3 + 3$$



$$y = |x-2| - 3$$



$$y = \log_2(x-3) - 2$$

